What is claimed is:

1   1.   An extended code excited linear prediction speech coding method, the

2 method comprising:

3   analyzing an input signal according to a predetermined plurality of features of the

4 input signal;

5   initially performing common frame based speech coding to the input speech

6 signal irrespective of the predetermined plurality of features of the input signal;

7   subsequently performing speech coding on the input speech signal to generate an

8 encoded speech signal using at least one of a first speech coding mode and a second

9 speech coding mode;

10   dynamically selecting between the first speech coding mode and the second

11 speech coding mode based on at least one of the predetermined plurality of features of the

12 input signal;

13   the first speech coding mode comprises a first framing structure;

14   the second speech coding mode comprises a second framing structure; and

15 the first framing structure and the second framing structure comprise a plurality of bits.